EPSON® EMP-TW100/EMP-TS10

Specifications

Projection System
- RGB Liquid Crystal Shutter Projection System

LCD
- Size: 0.87 inches (x3) (EMP-TW100), 0.90 inches (x3) (EMP-TS10)
- Driving Method: Poly-silicon TFT Active Matrix
- Pixel Number: 921600 dots (1280x720)x3 (EMP-TW100), 480000 dots (800x600)x3 (EMP-TS10)
- Native Resolution: W-XGA (EMP-TW100), SVGA (EMP-TS10)
- Aspect Ratio: 16:9 (Wide) (EMP-TW100), 4:3 (EMP-TS10)

Projection Lens
- Type: Manual: zoom/focus
- F-number: 1.74 to 2.06
- f-number: 28.3 to 37.98mm
- Zoom Ratio: 1:1.35

Lamp
- Type: 150W UHE
- Spare Lamp number: ELPLP17
- Life: 3000h

Optical Features
- Screen Size: 0,77 – 7,62m (0.91 to 13.01m: EMP-TW100), (0.87 to 12.48m: EMP-TS10)
- Keystone Correction: Vertical: -30 to +30 degrees (EMP-TS10), -15 to +15 degrees (EMP-TW100) Horizontal: -10 to +10 degrees (EMP-TS10)
- Brightness: 700 ANSI lumens
- Contrast Ratio: 600:1 (EMP-TW100), 500:1 (EMP-TS10)
- Colour Reproduction: Full colour (16.77million colours)

Sound Output
- 5W (EMP-TS10)

Frequency Range
- Vertically: 50-85 Hz (EMP-TW100), 43-120 Hz (EMP-TS10)
- Horizontally: 15-92 KHz (EMP-TW100), 15-107 KHz (EMP-TS10)
- Pixel Clock: 14-160 MHz (EMP-TW100), 14-230 MHz (EMP-TS10)

Video Component Input Signal
- Video Standard: 525i(60)/625i(50)/525P(60)/625P(50)Y/Cb/Cr 750P(50/60)/1125i(50/60)Y/Pb/Pr

Video Composite/S Input Signal
- Video Standard: NTSC/NTSC4.43/PAL/M-PAL/N-PAL/PAL60/SECAM

Analog RGB Input Display Performance
- Native: W-XGA (EMP-TW100), SVGA (EMP-TS10)
- Resize: VGA/SVGA/XGA/SXGA (EMP-TW100), VGA/XGA/SXGA (EMP-TS10)

Digital RGB Input Display Performance
- Native: W-XGA (EMP-TW100), SVGA (EMP-TS10)
- Resize: VGA/SVGA/XGA/SXGA (EMP-TW100), VGA/XGA/SXGA (EMP-TS10)

Connecting Terminal
- **Input Terminal-RGB:**
  DVI Type I x 1 (DDC 2B compatible)
  Mini D-sub 15pin x 1
- **Input Terminals-Video:**
  Composite Video: RCA x 1
  Component Video: Mini D-sub 15 pin x 1. RCA x 3 (EMP-TW100)
  S Video: Mini DIN x 1
- **Input terminals-Audio/Control:**
  RS-232C
  Audio: Stereo Mini Jack RCA x 2 (EMP-TS10)
  Control USB Connector series B x 1 (EMP-TS10)
  Remote Control: Stereo Mini Jack x 1 (EMP-TS10)
- **Output Terminal:**
  Trigger out: Mini Jack x 1 (EMP-TW100), Mini D-sub 9pin (EMP-TS10)
  Monitor out: Mini D-sub 15pin (EMP-TS10)

General Characteristics
- Dimensions (Exclude projection lens & feet): 348(W) x 104(H) x 274(D)mm
- Maximum Dimension: 349(W) x 114(H) x 276(D)mm
- Weight: Approx. 9.3lbs/4.2Kg
- Power Consumption: 100-120V 1.3 -2.7 A 50/60Hz
- Power Supply Voltage: 100-240V/200-240V ±10%, 50/60Hz AC
- Fan Noise: 30dB (EMP-TW100), 31dB (EMP-TS10)

Accessories
- Power Cord: 3m
- Remote Control
- Battery: AA x 2
- Component Video Cable: 3RCA-HD15 (EMP-TS10)
- Rubber Stand
- User's Manual

Warranty
- 3 year European warranty,
  2 year world wide warranty

** "DCDi" is a trademark of Faroudja, a division of Sage Inc.*

EPSON CoverPlus Enhanced Warranty

The EPSON EMP range of projectors has been designed to withstand the rigours of mobile use, offering amazing strength and durability despite lightweight construction.

The ensure you continue to enjoy complete confidence in your EPSON projector, it is supported by a 3 year warranty within Europe, 2 years worldwide.

Enhanced Warranties

For additional peace of mind, EPSON CoverPlus warranty packs can be purchased to enhance the warranty to include the provision of a loan projector. Contact your dealer for availability in your country.

Your EPSON dealer:

www.epson.de

ISO 14001 BVQI Certification Number 80679
ISO 9001: 2001 BVQI Certification Number 80678

COLOUR YOUR LIFE

EPSON®

EPSON® EMP-TW100/EMP-TS10

Advanced, high quality home cinema projectors

- **Bringing widescreen entertainment into your home**
- **Exceptional image quality for large screen projection**
- **Easy to use, quiet and compact**
- **5 different colour settings to suit different applications**
- **Multi-function remote control**
- **Compatible with TV, DVD, Video, PC and games consoles**

DCDi™ by FAROUDJA

EPSON® EMP-TW100/EMP-TS10

Bringing the widescreen cinema experience into your home

The new EPSON EMP-TW100 and EMP-TS10 LCD projectors bring superb quality, big screen entertainment into your home. Simple to set up and operate, quiet and compact, these small wonders are compatible with analogue or digital TVs, VCRs, DVD players, game consoles and PCs, and will have a big impact on how you view home entertainment. When it comes to flexible, high quality, value for money home cinema, the EPSON EMP-TW100 and EMP-TS10 are the hottest tickets around.

EMP-TW100

- **High resolution widescreen format**
- **Ideal for the home cinema experience**
- **Crystal clear brightness**
- **"Faroudja DCDi*" advanced image processor for smooth and natural outlines**
- **Ceiling or table mounted for convenient viewing**
- **Quietest and most compact in its class**

16:9

EPSON Advanced Technologies

EPSON's industry leading LCD technologies, which include EPSON Dream2 LCD wide panels, ensure maximum image quality whatever you're watching. The EMP-TW100 is also fully HDTV compliant and features the latest 'Faroudja DCDi'* advanced image processor, which ensures smooth and natural outlines.

DCDi™ by FAROUDJA

Amazing big screen quality

Now you can experience clear, stunning big screen images up to 300 inches in size to create your own superb home cinema. From DVDs to games, with up to 600:1 contrast ratio, the new EPSON EMP-TW100 and EMP-TS10 projectors have what it takes to provide a high level of clarity, contrast, colour and image definition. Revolutionise your home entertainment set-up – even in daylight conditions.

EPSON reliability guaranteed under 3 years European warranty and Coverplus programme

Five colour settings for Personal choice

A new Colour Adjustment Menu offers five image colour modes to maximise quality depending on your personal choice or application:

- *THEATRE for DVD/movies,*
- *NATURAL for natural colour reproduction,*
- *DYNAMIC for vivid TV and PC games,*
- *PC for the brightest image,*
- *sRGB for colours in accordance with the sRGB standard.*

Up to six preferred colour settings can be stored for each colour mode for future viewing.

EMP-TS10

- **View the big screen, 4:3 aspect ratio**
- **High quality, affordable home entertainment projector**
- **Stylish design to suit any home**
- **Quietest and most compact in its class**
- **Horizontal & vertical keystone correction for uniform projection at any angle**

Easy to use and setup

Clear control panels and on screen menus make these projectors simple to set up and use, while a comprehensive remote control provides the power to direct operations without leaving your armchair. These versatile projectors are capable of handling both analogue and digital signals. Additionally the Automatic Source Recognition feature switches instantly to the incoming signal.

Remarkably quiet and compact

Sleek and compact, weighing in at just 4.2kg with a footprint of only 348 x 274mm. These stylish projectors are the quietest in their class. The EMP-TW100 and EMP-TS10 can be easily integrated into a range of home environments and even transported between rooms.

They can be ceiling or table mounted and positioned as close as 1.87m from the screen, or perform at an acute angle thanks to built-in digital keystone correction technology.

4:3